

Title: *Scraper for Tillage Implement*

Serial No. 10/788,624

Filed: 02/27/2004

Inventor: Cooper

Page 2

In The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. 1. (Currently Amended) A disk blade scraper for a tillage implement having a frame, a horizontal shaft suspended from the frame, a plurality of rotating disk blades arranged in laterally spaced relationship on the shaft, a hub spool surrounding the shaft between at least a pair of adjacent disk blades wherein a first end of the hub spool contacts one of the pair of adjacent disk blades thereby creating a transition joint between the first end of the hub spool and a surface of the one of the pair of adjacent disk blades, the scraper comprising:
 - 7 a bracket having an upper portion connected to the frame and a lower portion at an obtuse angle to the upper portion; and
 - 9 a rotating disk mounted to the lower portion of the bracket, the rotating disk having an axis of rotation perpendicular to the lower portion of the bracket and a circumferential edge,
 - 12 wherein the bracket is connected to the frame and the rotating disk is mounted to a lower end of the lower portion of the bracket such that the circumferential edge of the rotating disk is adjacent the transition joint and such that the lower end of the lower portion of the bracket is between the rotating disk and the one of the pair of adjacent disk blades,
 - 17 wherein the surface of the one of the pair of adjacent disk blades is concave-shaped, wherein the one of the pair of adjacent disk blades includes an annular depression relative to the concave surface, the annular depression surrounding the transition joint,
 - 20 wherein the circumferential edge of the rotating disk is located within the annular depression,
 - 22 wherein the concave-shaped surface defines a cavity, and
 - 23 wherein the rotating disk is received entirely with the cavity.

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Page 3

- 1 2. (Original) The scraper of claim 1 wherein:
 - 2 the circumferential edge of the rotating disk contacts the transition joint.
- 1 3. (Original) The scraper of claim 1 wherein;
 - 2 an uppermost edge of the rotating disk is 0.4 inches or less from the transition joint.
- 1 4. Cancelled.
- 1 5. (Original) The scraper of claim 1 wherein:
 - 2 the circumferential edge of the rotating disk is 0.4 inches or less from the transition joint.
- 1 6. (Original) The scraper of claim 1 wherein:
 - 2 the circumferential edge of the rotating disk is 0.03 to 0.13 inches from the transition joint.
- 1 7. (Original) The scraper of claim 1 wherein:
 - 2 an outermost edge of the rotating disk does not extend beyond an outermost edge of an adjacent disk blade.
- 1 8-38. Cancelled.